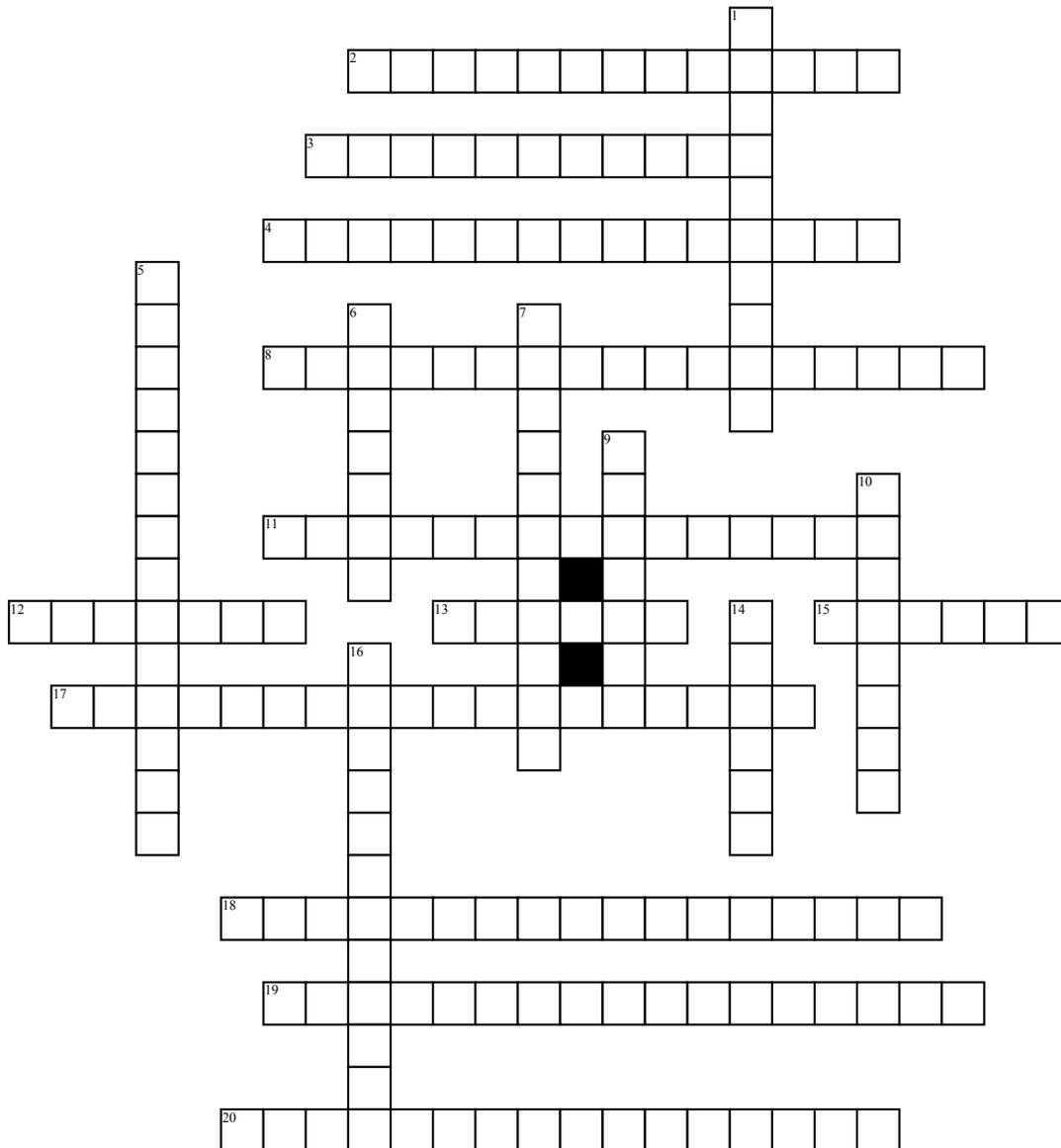


Plate Tectonics Cross Word Puzzle



Across

- 2.** Form long chains of mountains that rise up from the ocean floor.
- 3.** The fault cuts through rock at an angle, so one rock sits over the fault, while the other block lies under the fault.
- 4.** The rocks on either side of the fault slip past each other sideways, with little up or down motion.
- 8.** Adds more crust to the ocean floor. At the same time, older strips of rock move outward from either side of the ridge.
- 11.** Part of the ocean sinks back into the mantle, in a process that takes millions of years.

- 12.** A large area of flat land elevated high above sea level.
- 13.** Any trace of an ancient organism that has been preserved in rock.
- 15.** Breaks in the Earth's surface where crust have slipped past each other.
- 17.** Plates come together or converge.
- 18.** Plates move apart or diverge from each other.
- 19.** Plates slip past each other.
- 20.** The continents were once joined together in a single landmass and have since drifted apart.

Down

- 1.** A deep valley forms when pieces of Earth's crust diverge on land.

- 5.** The theory that Earth's plates are in slow, constant motion, driven by convection currents in the mantle.
- 6.** The continents were joined together in a supercontinent, or single landmass, about 300 million years ago.
- 7.** Occurs when two plates come together.
- 9.** Occurs when two plates pull apart.
- 10.** Occurs where two plates slip past each other.
- 14.** A force that acts on rock to change its shape or volume.
- 16.** Has the same structure as a normal fault, but the blocks move in the reverse direction.